GOVERNMENT OF INDIA
RURAL DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:1514
ANSWERED ON:24.11.2016
Monitoring of Quality Roads under PMGSY by using Space Technology
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Will the Minister of RURAL DEVELOPMENT be pleased to state:

(a) whether the space technology is being applied in monitoring the quality of roads construction under Pradhan Mantri Gram Sadak Yojana (PMGSY);

(b) if so, the details thereof and the States being covered under it along with the amount being spent on this Yojana;

(c) whether the Government proposes to cover the entire country under this yojana and if so, the details thereof ;

(d) whether the Government has made any co-ordination with the Department of Space in this regard and if so, the details thereof;

(e) the special arrangements made for monitoring the naxalite affected, backward, remote, border and hilly areas of the country; and

(f) the amount likely to be spent on this yojana?

Answer

MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT
(SHRI RAM KRIPAL YADAV)

(a)to(f): To monitor the variance between the progress of implementation of the scheme and the progress reported electronically by the States on the scheme MIS, ie. OMMAS, the National Rural Roads Development Agency (NRRDA), Ministry of Rural Development and Centre for Geo-Informatics Application in Rural Development (CGARD) of National Institute of Rural Development & Panchayati Raj, Hyderabad entered into an Memorandum of Understanding on 16.12.2015 to use Satellite imagery for planning and monitoring of Pradhan Mantri Gram Sadak Yojana (PMGSY) roads in five States (two districts each) selected under this Pilot project. The States/districts selected under this project are:

(1) Assam (Kamrup and Darrang Districts).
(2) Chhattisgarh (Raigarh and Korba Districts).
(3) Odisha (Puri and Nayagarh Districts).
(4) Rajasthan (Jaipur and Alwar Districts).
(5) Telangana (Nalgonda and Karimnagar Districts)
The estimated cost of this pilot project is Rs. 100.82 lakh, out of which, Rs. 30.246 lakh has so far been released to CGARD, NIRD, Hyderabad.
The report of CGARD based on the pilot project reveals that 70 road works out of 242 road works analyzed using Satellite Imageries have shown variations in road length constructed vis-Ã -vis road length sanctioned. The district-wise status is given below.

State District No. of Roads analyzed Variation in total
Road length

Assam Kamrup 28 6

Darrang 33 4

Rajasthan Jaipur 32 7

Alwar 28 13

Chhattisgargh Korba 32 10

Raigarh 35 5

Telanagna Karimnagar 11 4

Nalgonda 17 8

Odisha Nayagarh 20 10

Puri 6 3

Total 10 242 70 (29%)

The report of CGARD has also been shared with the concerned States for comments and appropriate action. Based on the outcome of sample study in 10 districts in 5 States, the Ministry has taken a decision to universalize this intervention across all States including Left Wing Extremism affected districts, backward, remote border and hilly areas in collaboration with National Remote Sensing Centre (NRSC) under Department of Space.

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